



BEST AVAILABLE COPY

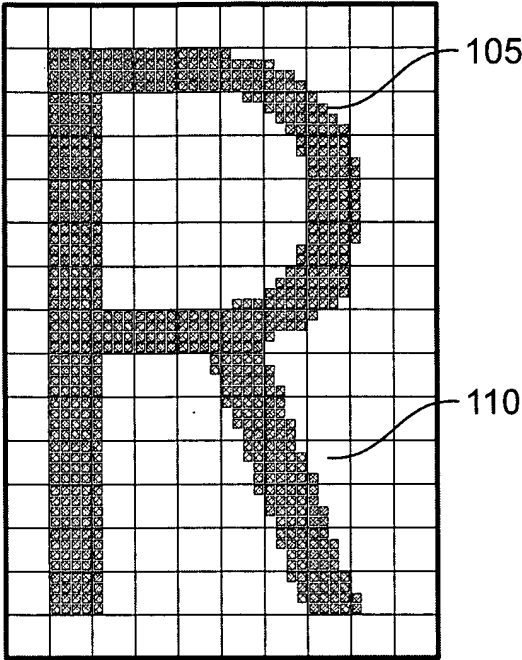


FIG. 1

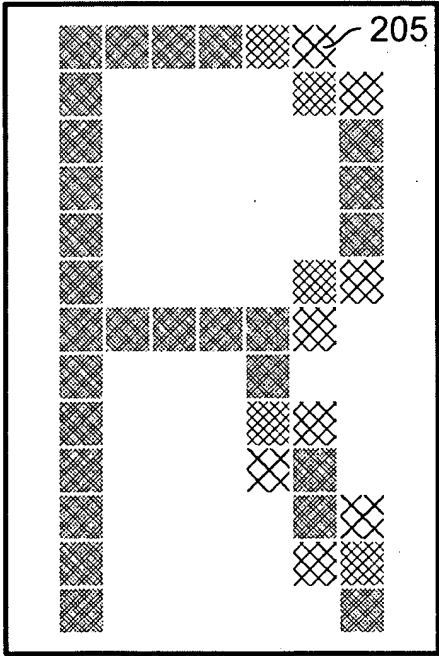


FIG. 2

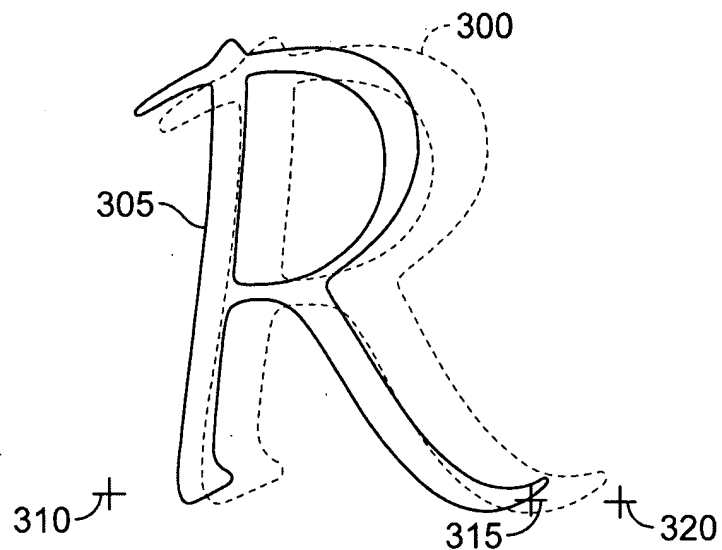


FIG. 3A

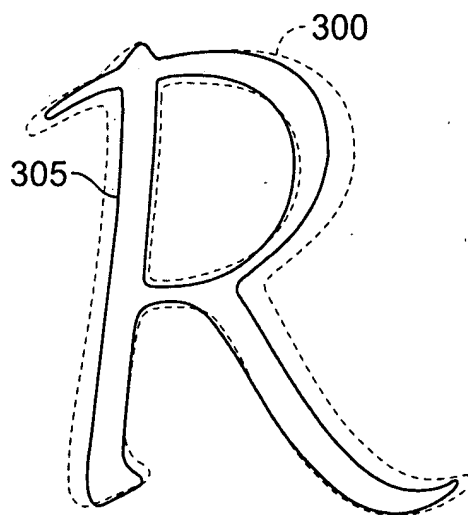


FIG. 3B

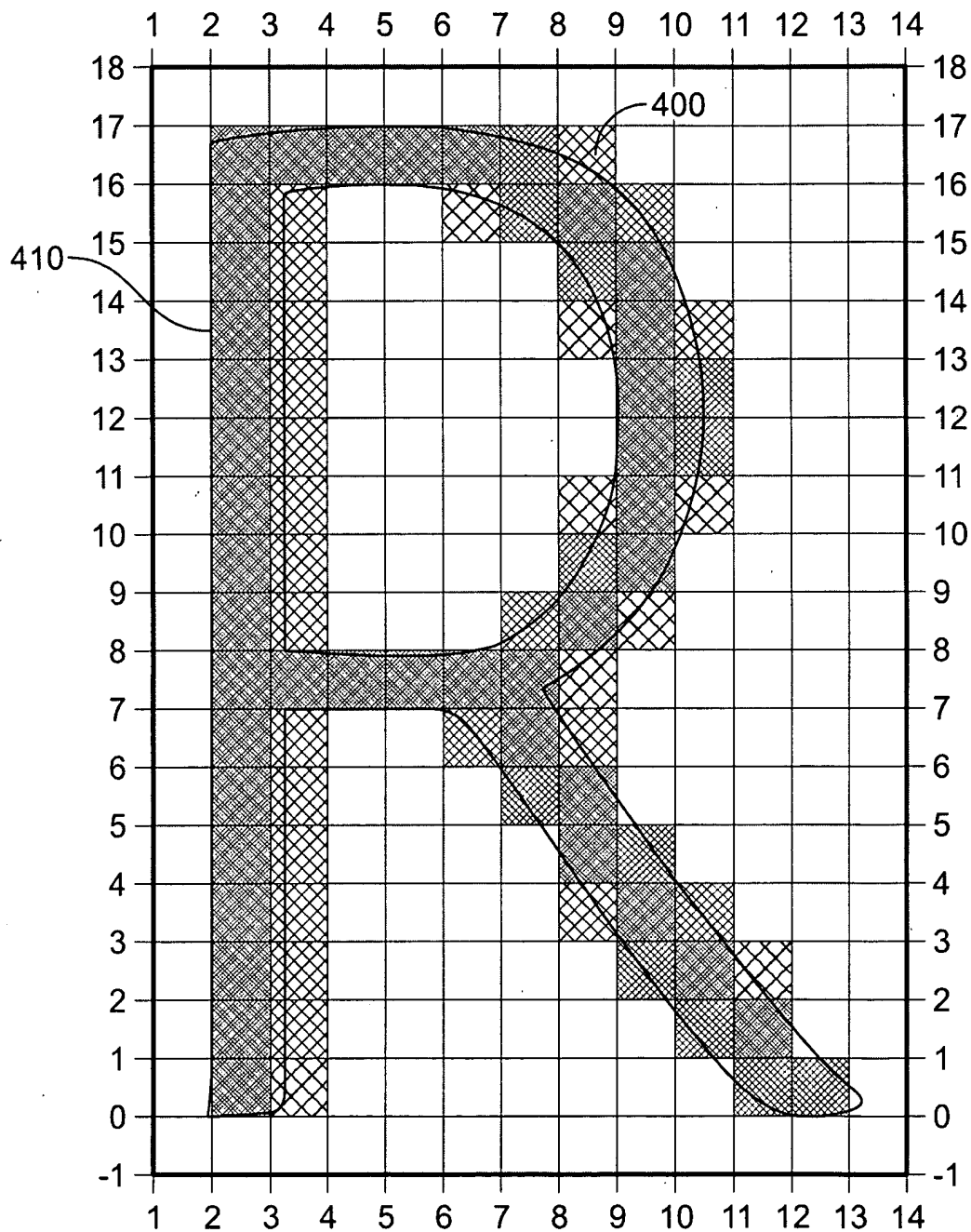


FIG. 4A

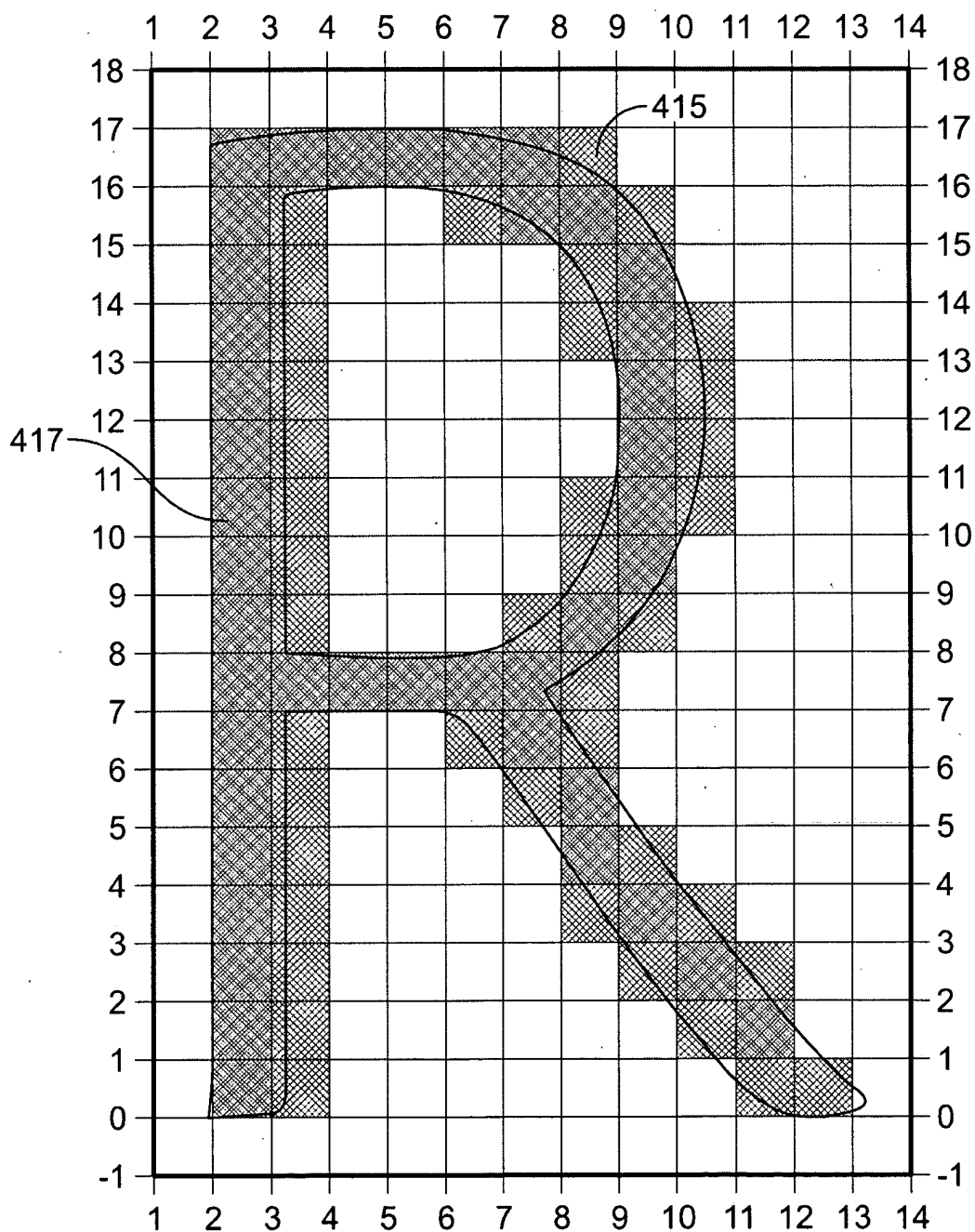


FIG. 4B

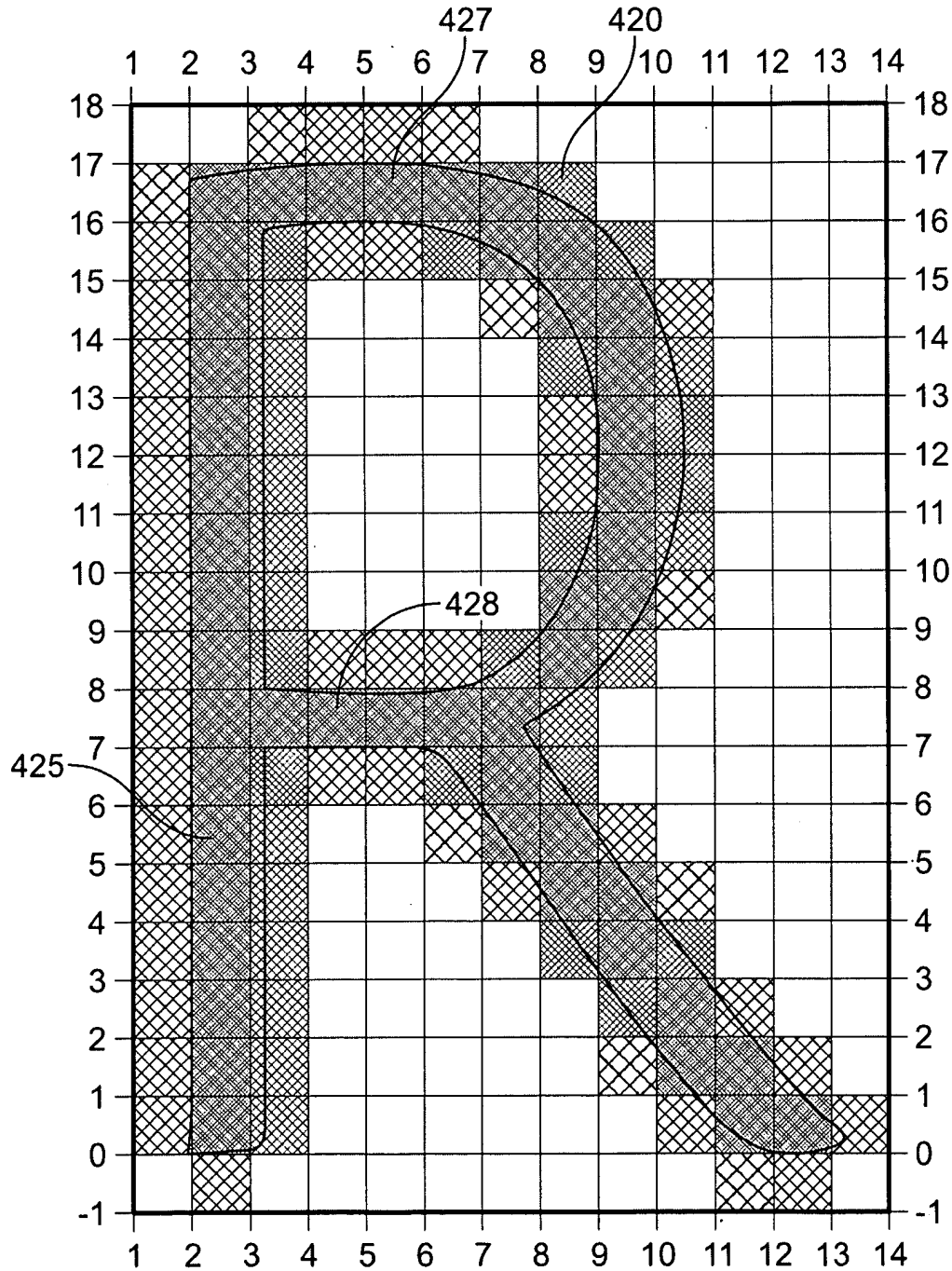


FIG. 4C

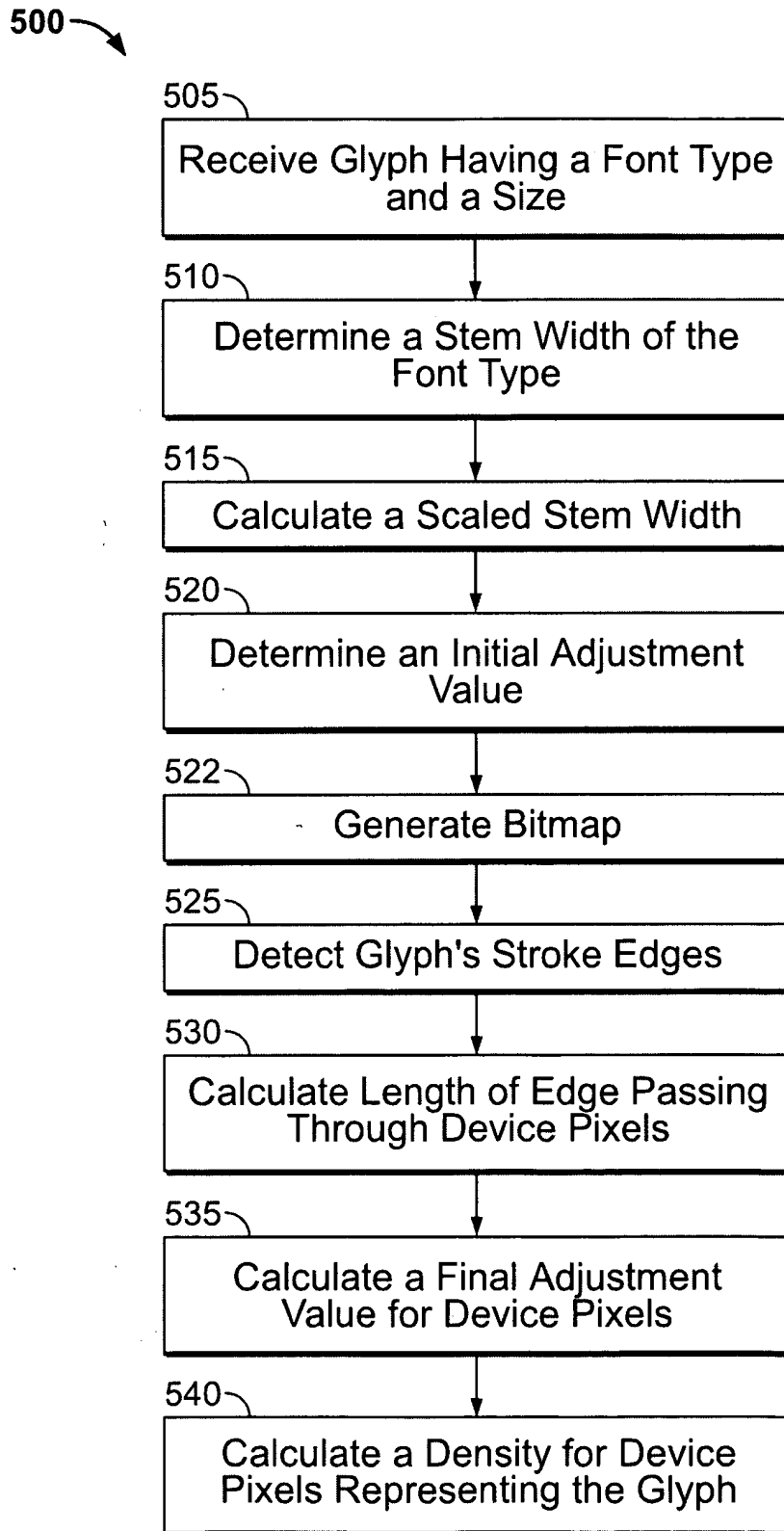


FIG. 5

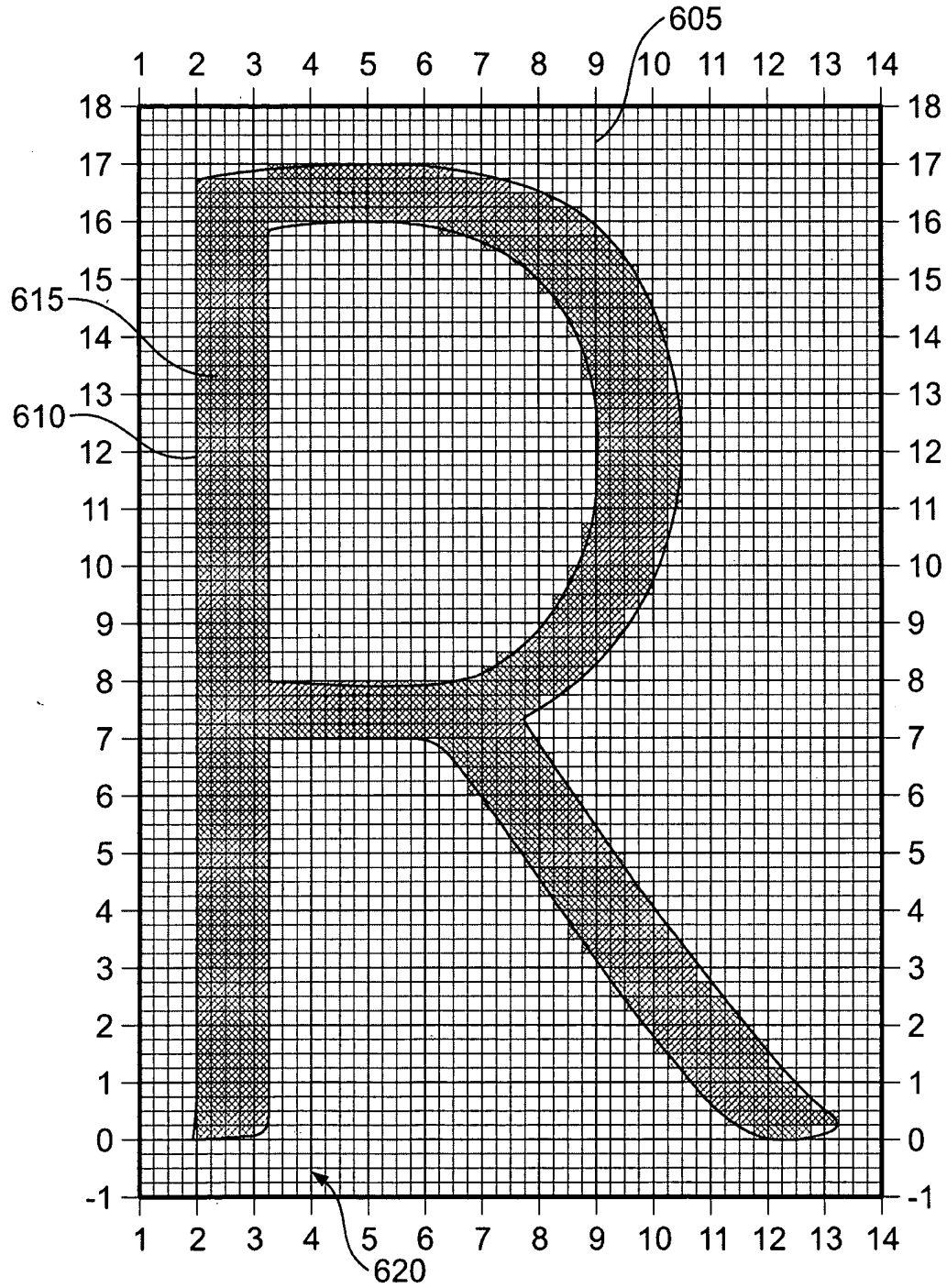


FIG. 6A

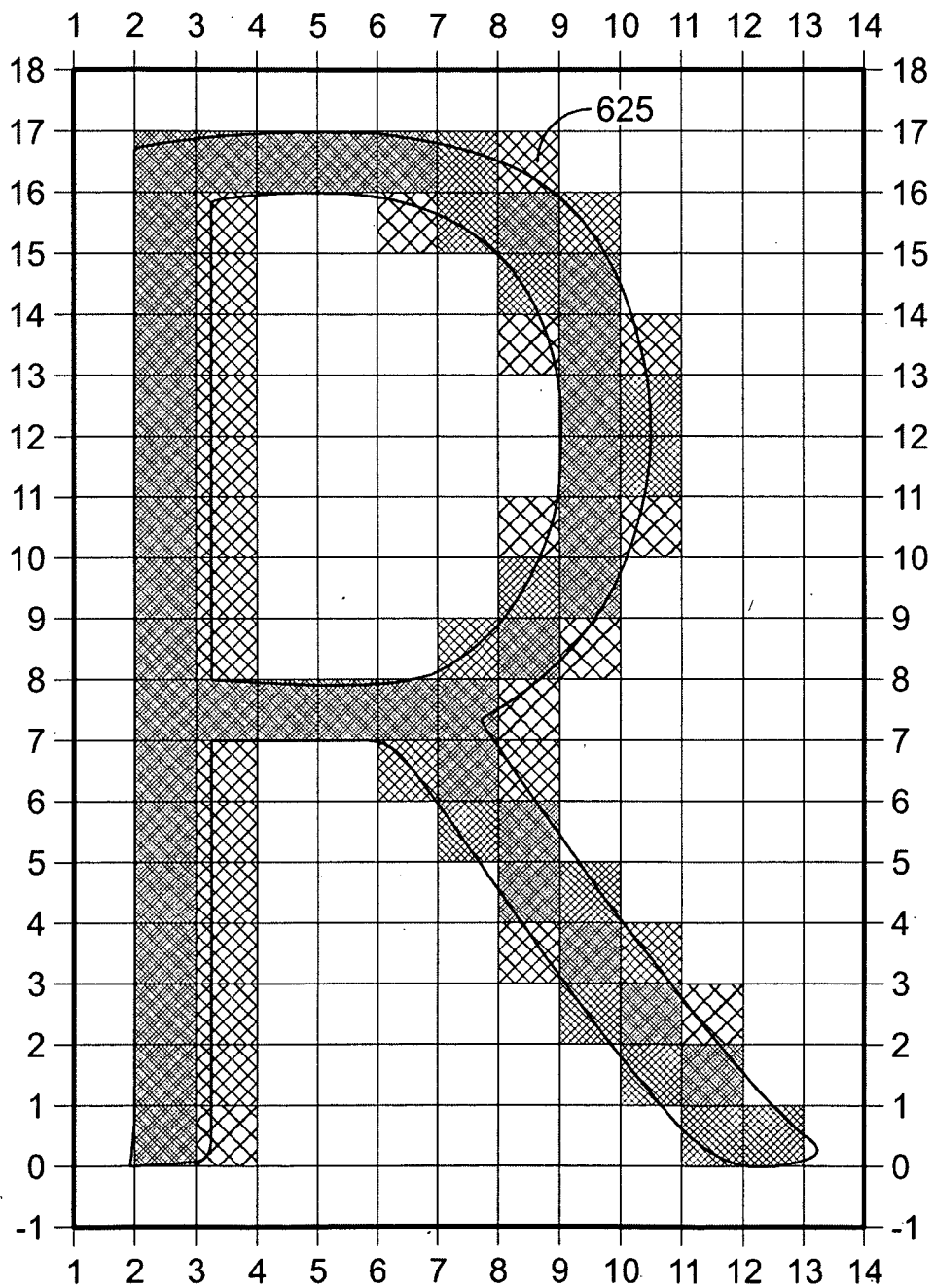


FIG. 6B

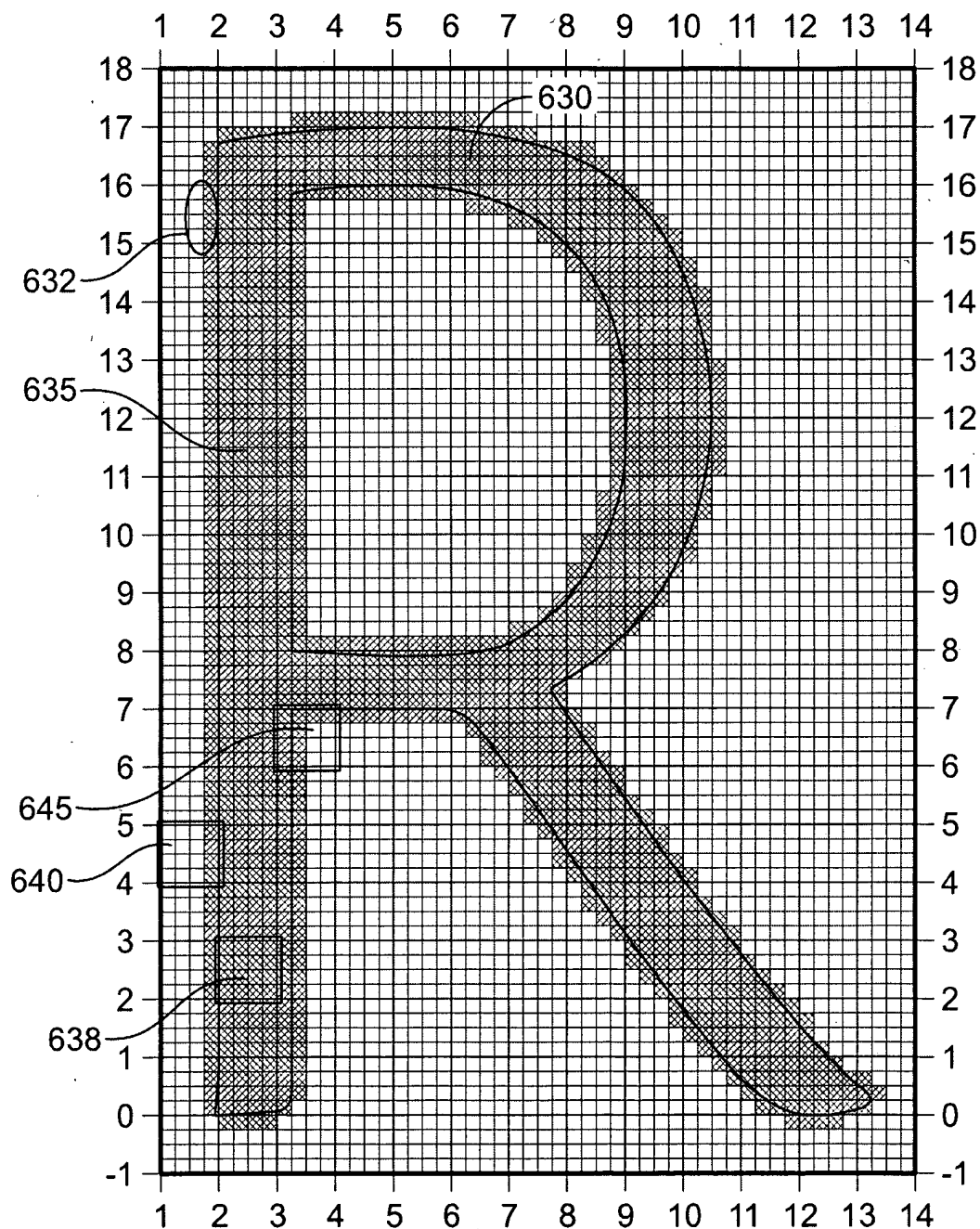


FIG. 6C

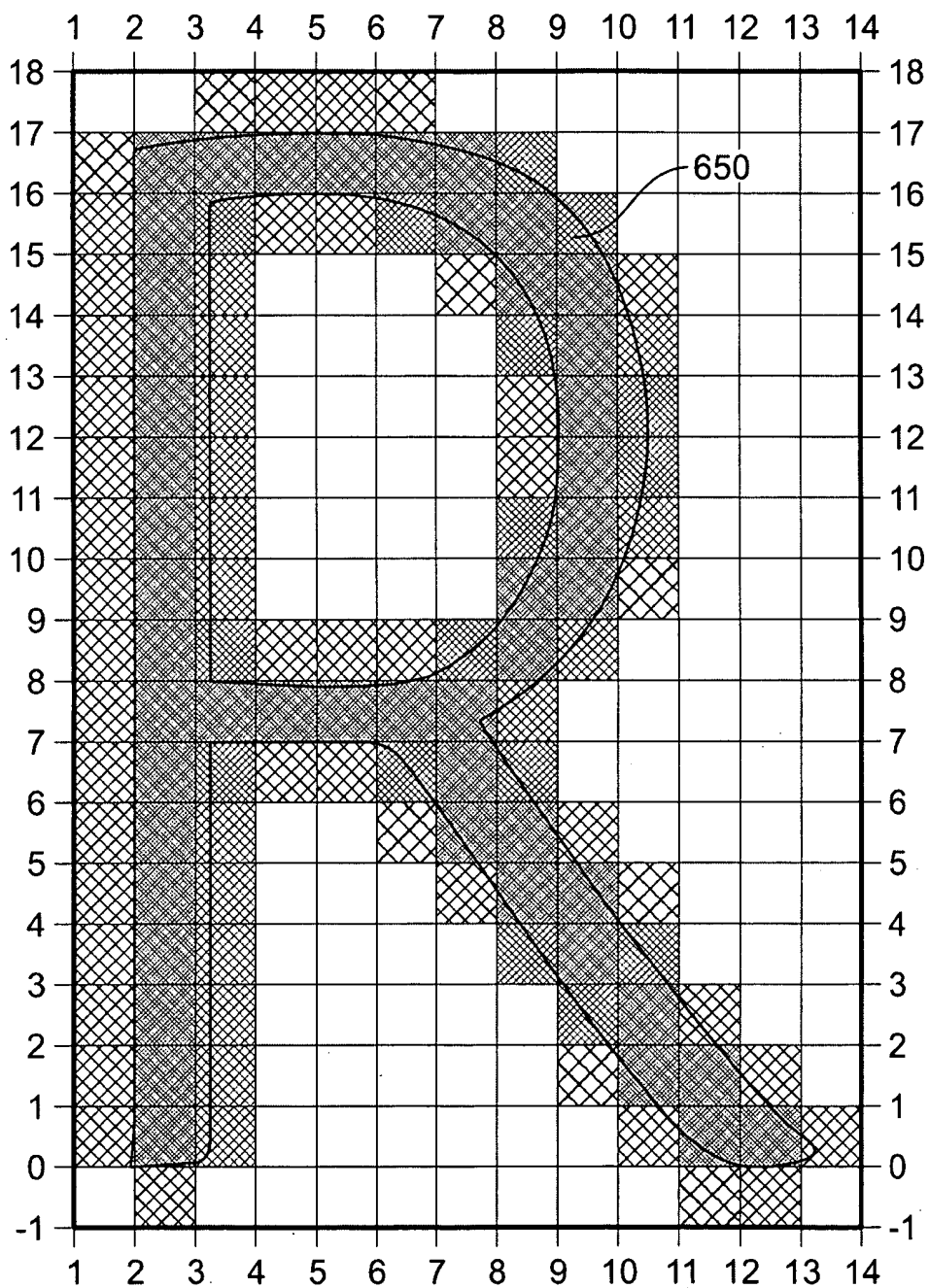


FIG. 6D

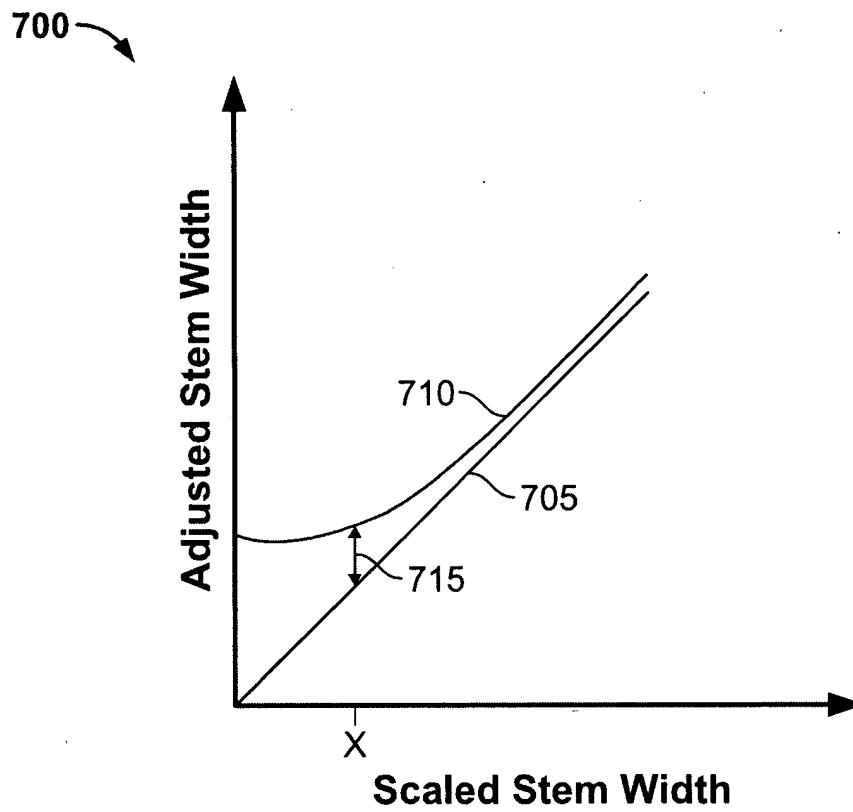


FIG. 7A

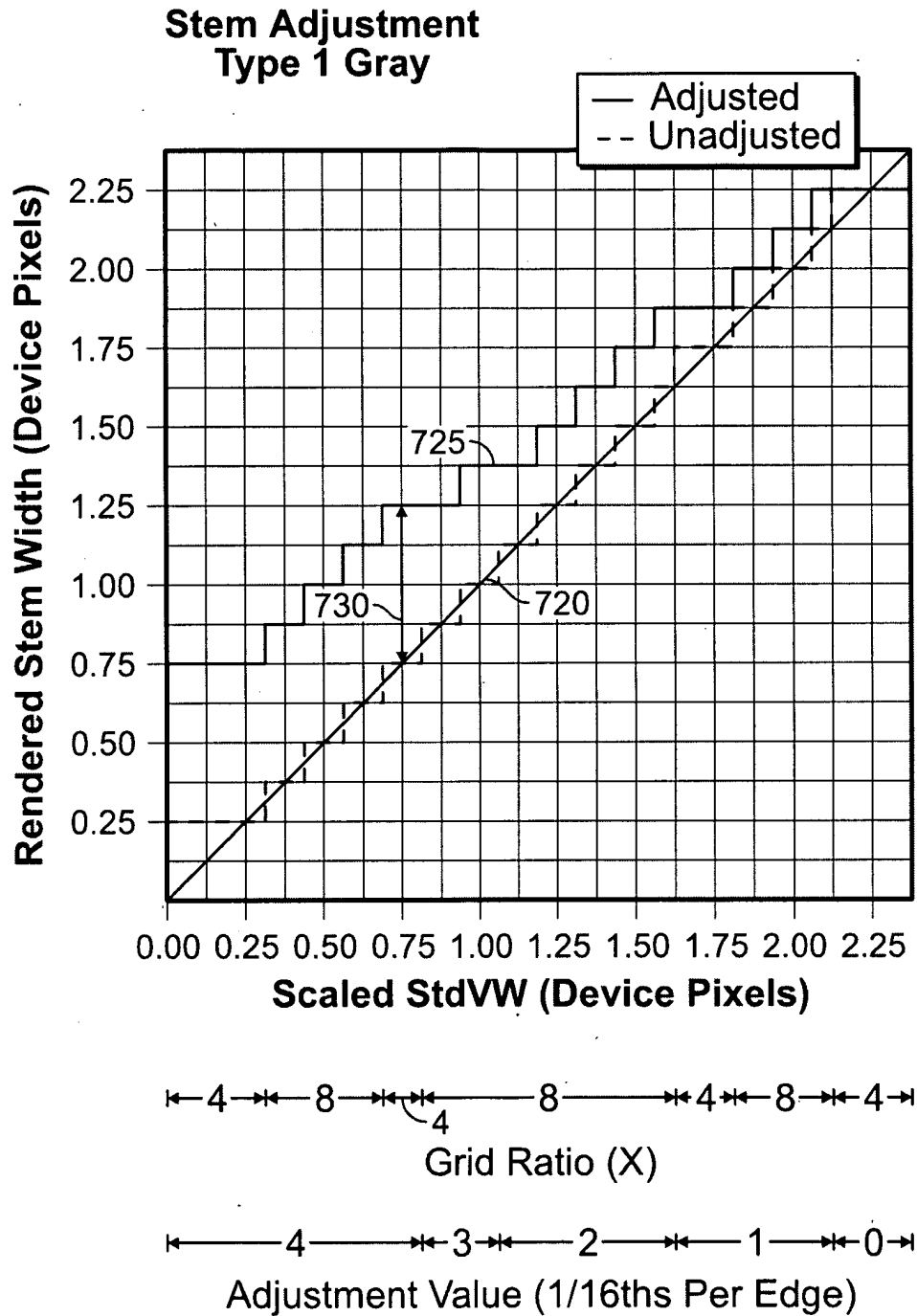


FIG. 7B

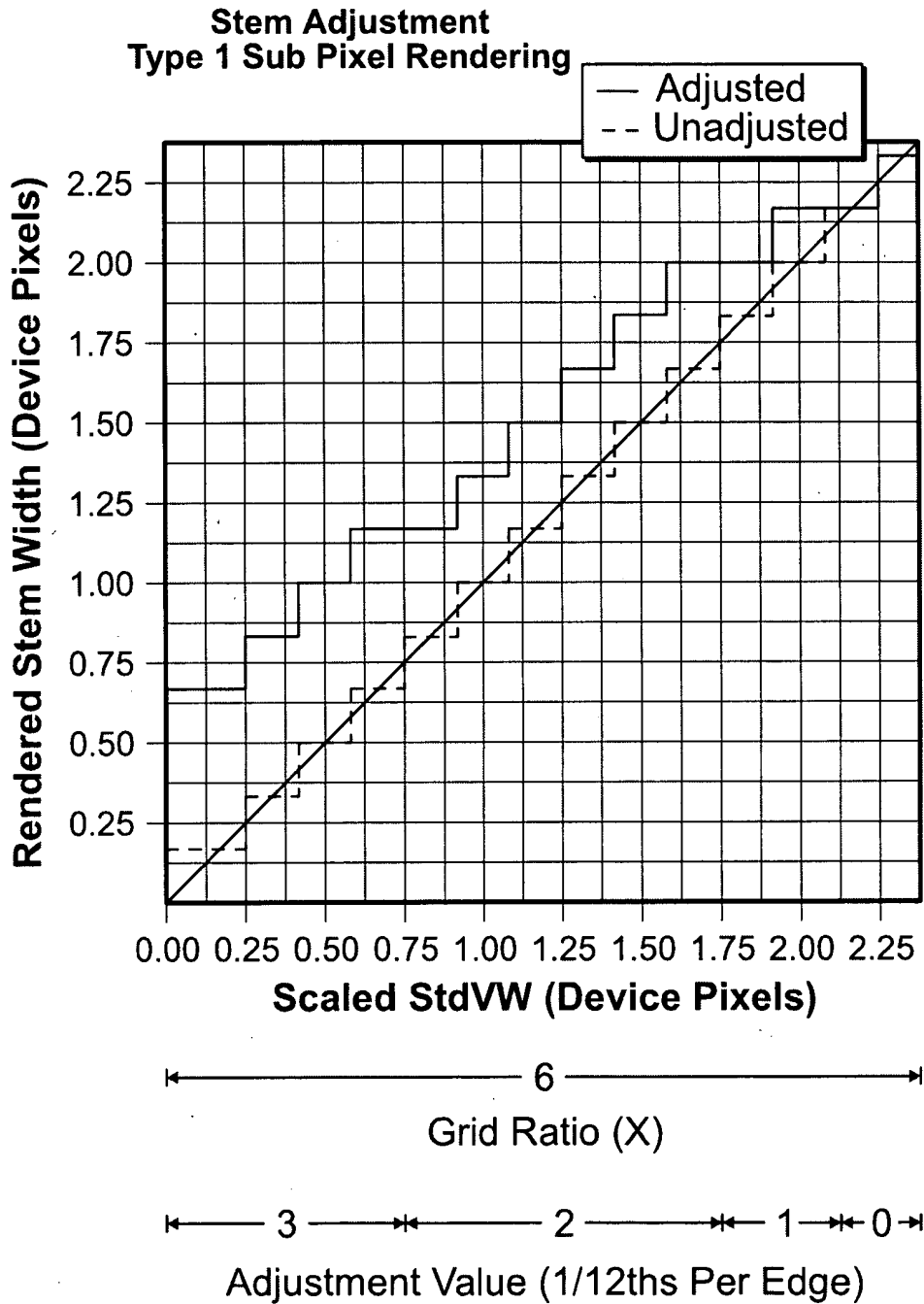


FIG. 7C

Font Type: Type 1 Gray Scale

Scaled Stem Width (1/16ths)	X Grid Ratio	Y Grid Ratio	Hint Grid Ratio	Hinting Policy	X Align.	Y Align.	X Offset Amt.	Y Offset Amt.	X Carry (y/n)	Y Carry (y/n)	Initial Adjustment Value (1/16ths)
0	4	4	4	Black Edge	4	4	0	1	1	1	4
1	4	4	4	Black Edge	4	4	0	1	1	1	4
2	4	4	4	Black Edge	4	4	0	1	1	1	4
3	4	4	4	Black Edge	4	4	0	1	1	1	4
4	4	4	4	Black Edge	4	4	0	1	1	1	4
5	8	8	8	Black Edge	8	8	0	1	1	1	4
6	8	8	8	Black Edge	8	8	0	1	1	1	4
7	8	8	8	Black Edge	8	8	0	1	1	1	4
8	8	8	8	Black Edge	8	8	0	1	1	1	4
9	8	8	8	Black Edge	8	8	0	1	1	1	4
10	8	8	8	Black Edge	8	8	0	1	1	1	4
11	4	4	4	Black Edge	4	4	1	1	1	0	4
12	4	4	4	Black Edge	4	4	1	1	1	0	4
13	8	8	8	Black Edge	8	8	1	1	1	1	3
14	8	8	8	Black Edge	8	8	1	1	1	1	3
15	8	8	8	Black Edge	8	8	1	1	1	1	3
16	8	8	8	Black Edge	8	8	1	1	1	1	3
17	8	8	8	Black Edge	8	8	1	1	1	1	2

FIG. 8A-1

Scaled Stem Width (1/16ths)	X Grid Ratio	Y Grid Ratio	Hint Grid Ratio	Hinting Policy	X Align.	Y Align.	X Offset Amt.	Y Offset Amt.	X Carry (y/n)	Y Carry (y/n)	Initial Adjustment Value (1/16ths)
18	8	8	8	Black Edge	8	8	1	1	1	1	2
19	8	8	8	Black Edge	8	8	1	1	1	1	2
20	8	8	8	Black Edge	8	8	1	1	1	1	2
21	8	8	8	Black Edge	8	8	1	1	1	1	2
22	8	8	8	Black Edge	8	8	1	1	1	1	2
23	8	8	8	Black Edge	8	8	1	1	1	1	2
24	8	8	8	Black Edge	8	8	1	1	1	1	2
25	8	8	8	Black Edge	8	8	1	1	1	1	2
26	4	4	4	Black Edge	4	4	0	0	1	0	1
27	4	4	4	Black Edge	4	4	0	0	1	0	1
28	4	4	4	Black Edge	4	4	0	0	1	0	1
29	8	8	8	Black Edge	8	8	1	1	1	1	1
30	8	8	8	Black Edge	8	8	1	1	1	1	1
31	8	8	8	Black Edge	8	8	1	1	1	1	1
32	8	8	8	Black Edge	8	8	1	1	1	1	1
33	8	8	8	Black Edge	8	8	1	1	1	1	1
34	4	4	4	Black Edge	4	4	0	0	1	0	0
35	4	4	4	Black Edge	4	4	0	0	1	0	0
36	4	4	4	Black Edge	4	4	0	0	1	0	0
37	4	4	4	Black Edge	4	4	0	0	1	0	0

FIG. 8A-2

Font Type: Type 1 Gray Scale

Scaled Stem Width (1/16ths)	Asymmetric Adjusting (y/n)	Low Density	Low Initial Adjust Value (1/16ths)	High Density	High Initial Adjust Value (1/16ths)
0	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	1	0	2	24	6
6	1	0	2	24	6
7	1	0	2	32	6
8	1	0	2	32	6
9	1	0	2	40	6
10	1	0	2	40	6
11	0	0	0	0	0
12	0	0	0	0	0
13	1	0	4	56	2
14	1	0	4	56	2
15	1	8	4	56	2
16	1	8	4	56	2
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0

FIG. 8B-1

850	852	854	856	858	
Scaled Stem Width (1/16ths)	Asymmetric Adjusting (y/n)	Low Density	Low Initial Adjustment Value (1/16ths)	High Density	High Initial Adjustment Value (1/16ths)
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	1	0	0	12	2
27	1	0	0	12	2
28	1	0	0	12	2
29	1	0	2	56	0
30	1	0	2	56	0
31	1	8	0	56	2
32	1	8	0	56	2
33	1	16	0	56	2
34	0	0	0	0	0
35	0	0	0	0	0
36	0	0	0	0	0
37	0	0	0	0	0

FIG. 8B-2

Font Type: Type 1 Sub Pixel Rendering

Scaled Stem Width (1/6ths)	X Grid Ratio	Y Grid Ratio	Hint Grid Ratio	X Align.	Y Align.	X Offset Amt.	Y Offset Amt.	X Carry (y/n)	Y Carry (y/n)	Hinting Policy	Initial Adjustment Value (1/6ths)
0	6	6	6	1	6	0	0	1	0	Black Edge	3
1	6	6	6	1	6	0	0	1	0	Black Edge	3
2	6	6	6	1	6	0	0	1	0	Black Edge	3
3	6	6	6	1	6	0	0	1	0	Black Edge	3
4	6	6	6	1	6	0	0	1	0	Black Edge	3
5	6	6	6	1	6	0	0	1	0	Black Edge	2
6	6	6	6	1	6	0	0	1	0	Black Edge	2
7	6	6	6	1	6	0	0	1	0	Black Edge	2
8	6	6	6	1	6	0	0	1	0	Black Edge	2
9	6	6	6	1	6	0	0	1	0	Black Edge	2
10	6	6	6	1	6	0	0	1	0	Black Edge	2
11	6	6	6	1	6	0	0	1	0	Black Edge	1
12	6	6	6	1	6	0	0	1	0	Black Edge	1
13	6	6	6	1	6	0	0	1	0	Black Edge	0

FIG. 8C

Font Type: True Type Gray Scale

Scaled Stem Width (1/4ths)	X Grid Ratio	Y Grid Ratio	Hint Grid Ratio	X Align.	Y Align.	X Offset Amt.	Y Offset Amt.	X Carry (y/n)	Y Carry (y/n)	Hinting Policy	Initial Adjustment Value (1/4ths)
0	4	4	4	0	0	0	0	1	1	No Smoothing	4
1	4	4	4	0	0	0	0	1	1	No Smoothing	4
2	4	4	4	0	0	0	0	1	1	No Smoothing	4
3	4	4	4	0	0	0	0	1	1	No Smoothing	3
4	4	4	4	0	0	0	0	1	1	No Smoothing	2
5	4	4	4	0	0	0	0	1	1	No Smoothing	2
6	4	4	4	0	0	0	0	1	1	No Smoothing	1
7	4	4	4	0	0	0	0	1	1	No Smoothing	1
8	4	4	4	0	0	0	0	1	1	No Smoothing	1
9	4	4	4	0	0	0	0	1	1	No Smoothing	0

FIG. 8D

Font Type: True Type Sub Pixel Rendering

Scaled Stem Width (1/6ths)	X Grid Ratio	Y Grid Ratio	Hint Grid Ratio	X Align.	Y Align.	X Offset Amt.	Y Offset Amt.	X Carry (y/n)	Y Carry (y/n)	Hinting Policy	Initial Adjustment Value (1/6ths)
0	6	6	6	0	0	0	0	1	1	No Smoothing	3
1	6	6	6	0	0	0	0	1	1	No Smoothing	3
2	6	6	6	0	0	0	0	1	1	No Smoothing	3
3	6	6	6	0	0	0	0	1	1	No Smoothing	3
4	6	6	6	0	0	0	0	1	1	No Smoothing	3
5	6	6	6	0	0	0	0	1	1	No Smoothing	2
6	6	6	6	0	0	0	0	1	1	No Smoothing	2
7	6	6	6	0	0	0	0	1	1	No Smoothing	2
8	6	6	6	0	0	0	0	1	1	No Smoothing	2
9	6	6	6	0	0	0	0	1	1	No Smoothing	2
10	6	6	6	0	0	0	0	1	1	No Smoothing	2
11	6	6	6	0	0	0	0	1	1	No Smoothing	1
12	6	6	6	0	0	0	0	1	1	No Smoothing	1
13	6	6	6	0	0	0	0	1	1	No Smoothing	0

FIG. 8E

830 832 Font Type: True Type Gray Scale

Scaled Stem Width (1/8ths)	X Grid Ratio	Y Grid Ratio	Hint Grid Ratio	X Align.	Y Align.	X Offset Amt.	Y Offset Amt.	X Carry (y/n)	Y Carry (y/n)	Hinting Policy	Initial Adjustment Value (1/8ths)
0	8	2	8	1	4	0	0	1	0	Anisotropic	3
1	8	2	8	1	4	0	0	1	0	Anisotropic	3
2	8	2	8	1	4	0	0	1	0	Anisotropic	3
3	8	2	8	1	4	0	0	1	0	Anisotropic	3
4	8	2	8	1	4	0	0	1	0	Anisotropic	3
5	8	2	8	1	4	0	0	1	0	Anisotropic	2
6	8	2	8	1	4	0	0	1	0	Anisotropic	2
7	8	2	8	1	4	0	0	1	0	Anisotropic	2
8	8	2	8	1	4	0	0	1	0	Anisotropic	2
9	8	2	8	1	4	0	0	1	0	Anisotropic	2
10	8	2	8	1	4	0	0	1	0	Anisotropic	2
11	8	2	8	1	4	0	0	1	0	Anisotropic	1
12	8	2	8	1	4	0	0	1	0	Anisotropic	1
13	8	2	8	1	4	0	0	1	0	Anisotropic	1
14	8	2	8	1	4	0	0	1	0	Anisotropic	1
15	8	2	8	1	4	0	0	1	0	Anisotropic	1
16	8	2	8	1	4	0	0	1	0	Anisotropic	1
17	8	2	8	1	4	0	0	1	0	Anisotropic	1
18	8	2	8	1	4	0	0	1	0	Anisotropic	0

FIG. 8F

Font Type: True Type Sub Pixel Rendering

Scaled Stem Width (1/6ths)	X Grid Ratio	Y Grid Ratio	Hint Grid Ratio	X Align.	Y Align.	X Offset Amt.	Y Offset Amt.	X Carry (y/n)	Y Carry (y/n)	Hinting Policy	Initial Adjustment Value (1/6ths)
0	6	6	6	1	6	0	0	1	0	Anisotropic	3
1	6	6	6	1	6	0	0	1	0	Anisotropic	3
2	6	6	6	1	6	0	0	1	0	Anisotropic	3
3	6	6	6	1	6	0	0	1	0	Anisotropic	3
4	6	6	6	1	6	0	0	1	0	Anisotropic	3
5	6	6	6	1	6	0	0	1	0	Anisotropic	2
6	6	6	6	1	6	0	0	1	0	Anisotropic	2
7	6	6	6	1	6	0	0	1	0	Anisotropic	2
8	6	6	6	1	6	0	0	1	0	Anisotropic	2
9	6	6	6	1	6	0	0	1	0	Anisotropic	2
10	6	6	6	1	6	0	0	1	0	Anisotropic	2
11	6	6	6	1	6	0	0	1	0	Anisotropic	1
12	6	6	6	1	6	0	0	1	0	Anisotropic	1
13	6	6	6	1	6	0	0	1	0	Anisotropic	0

FIG. 8G

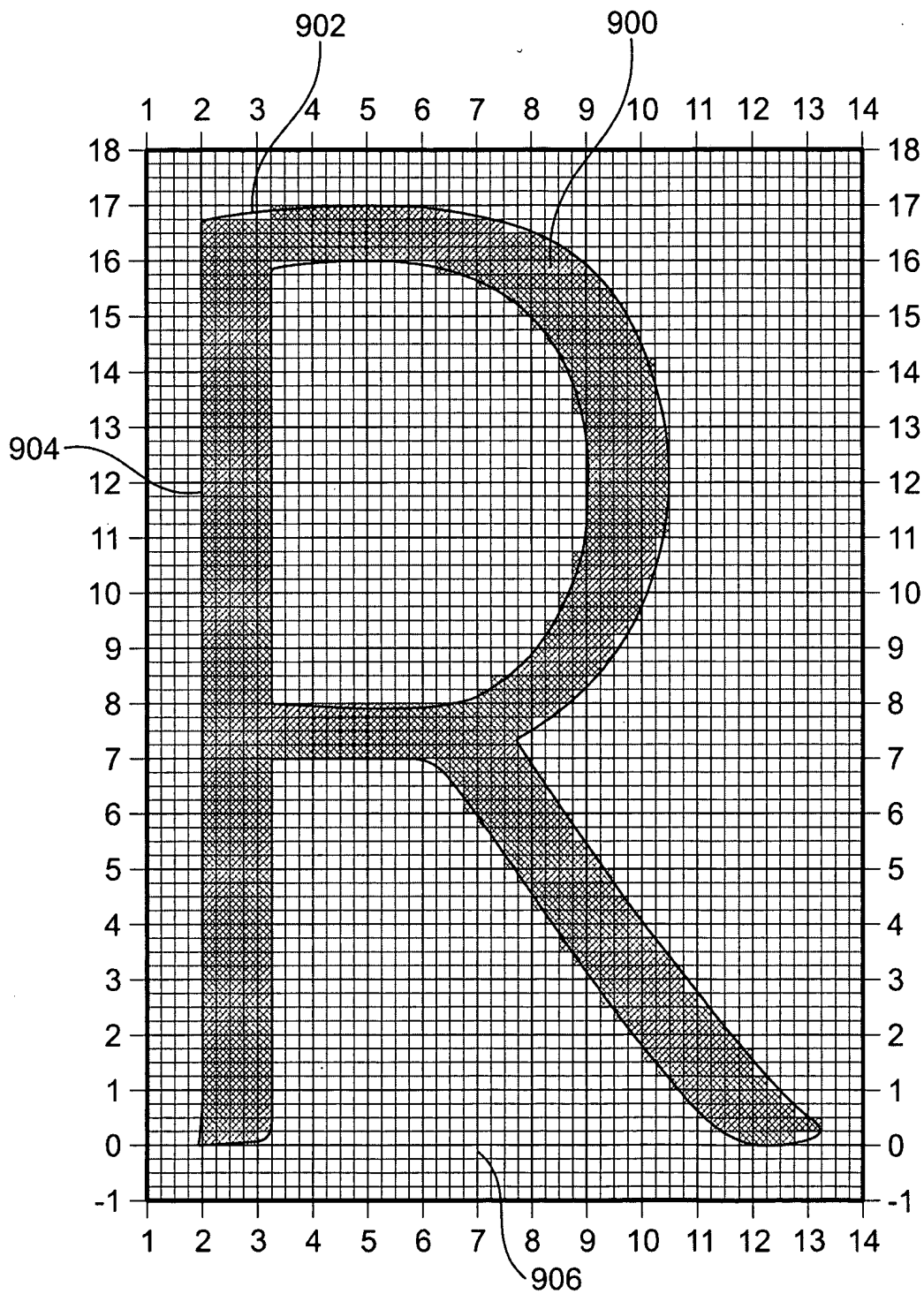


FIG. 9A

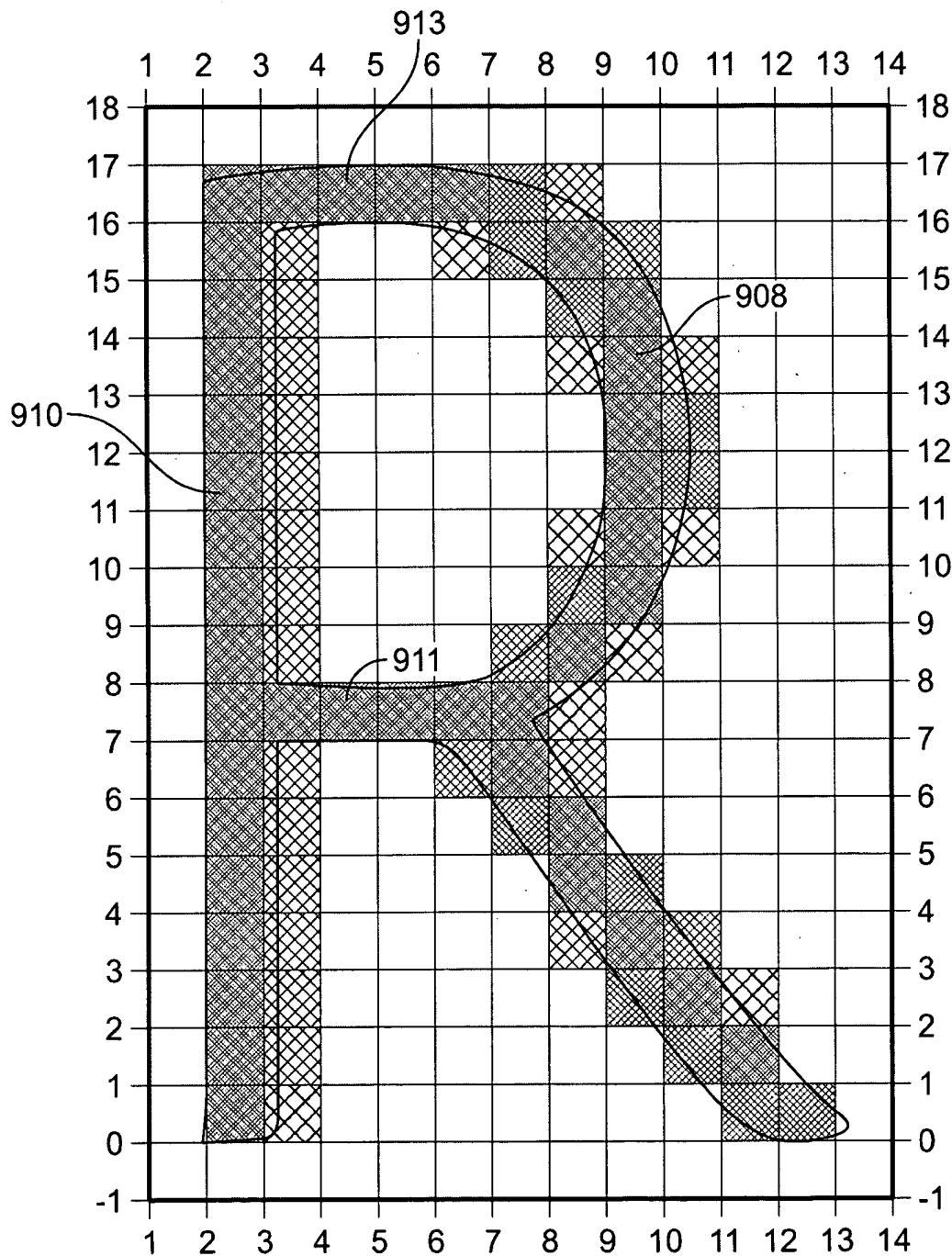


FIG. 9B

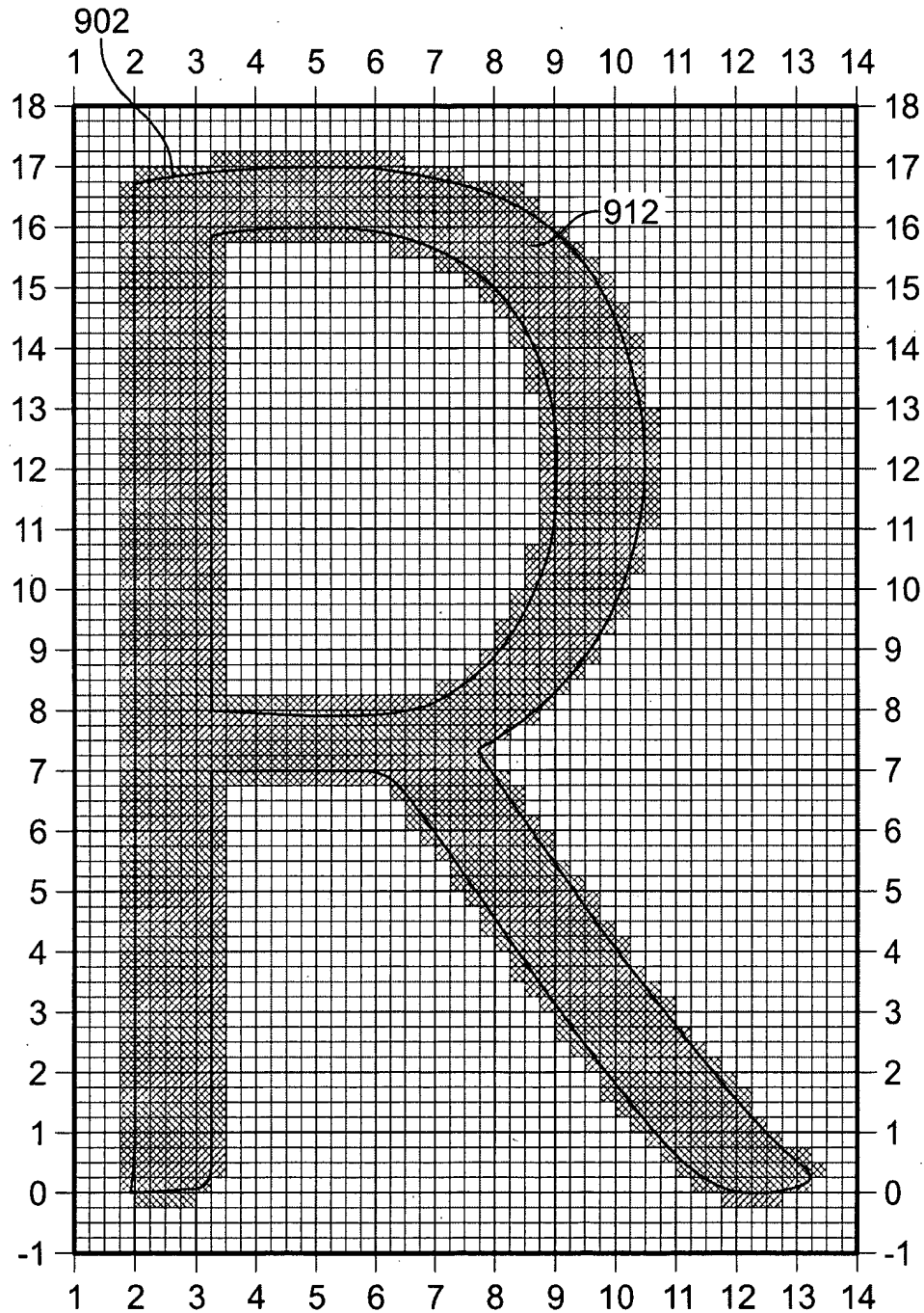


FIG. 9C

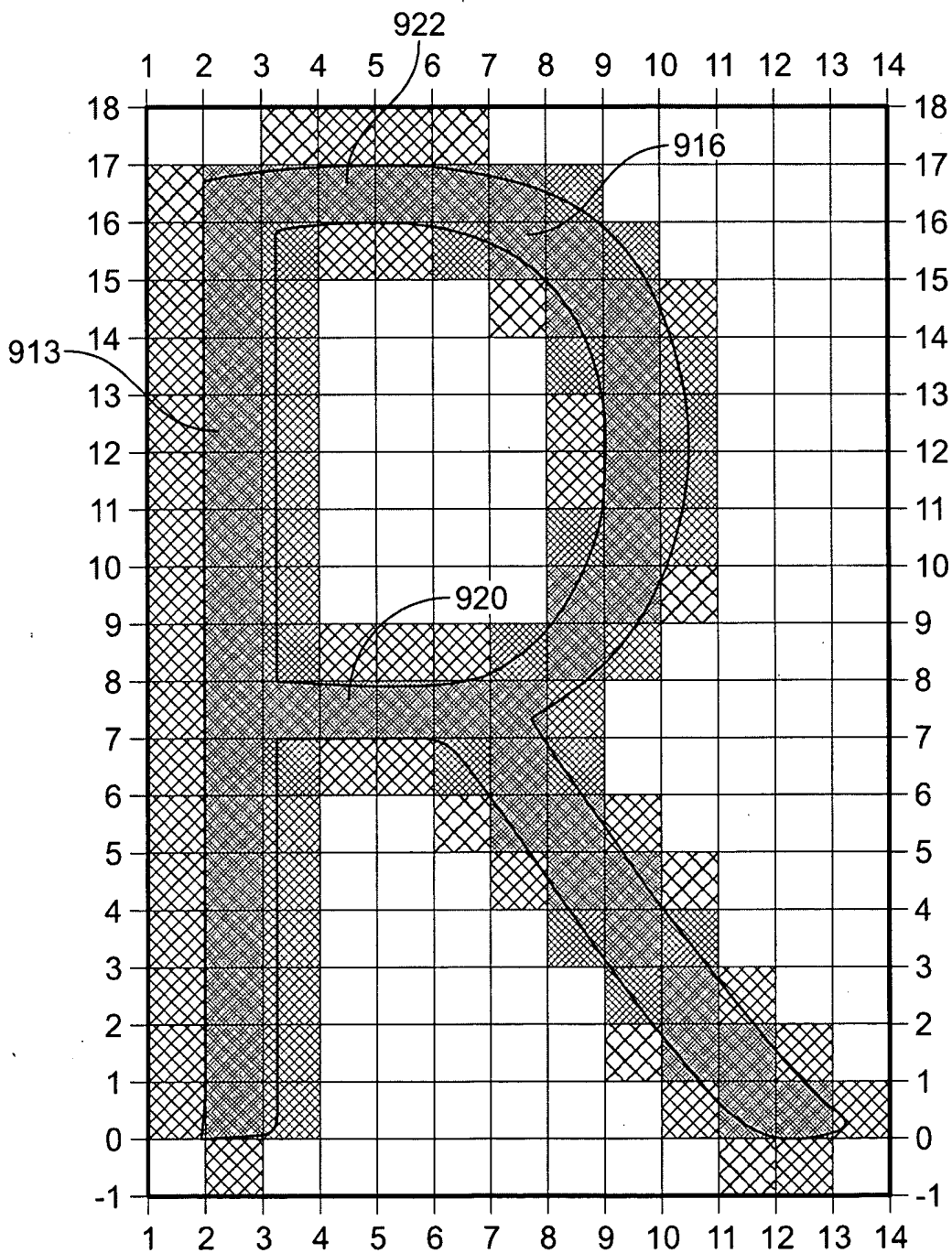


FIG. 9D

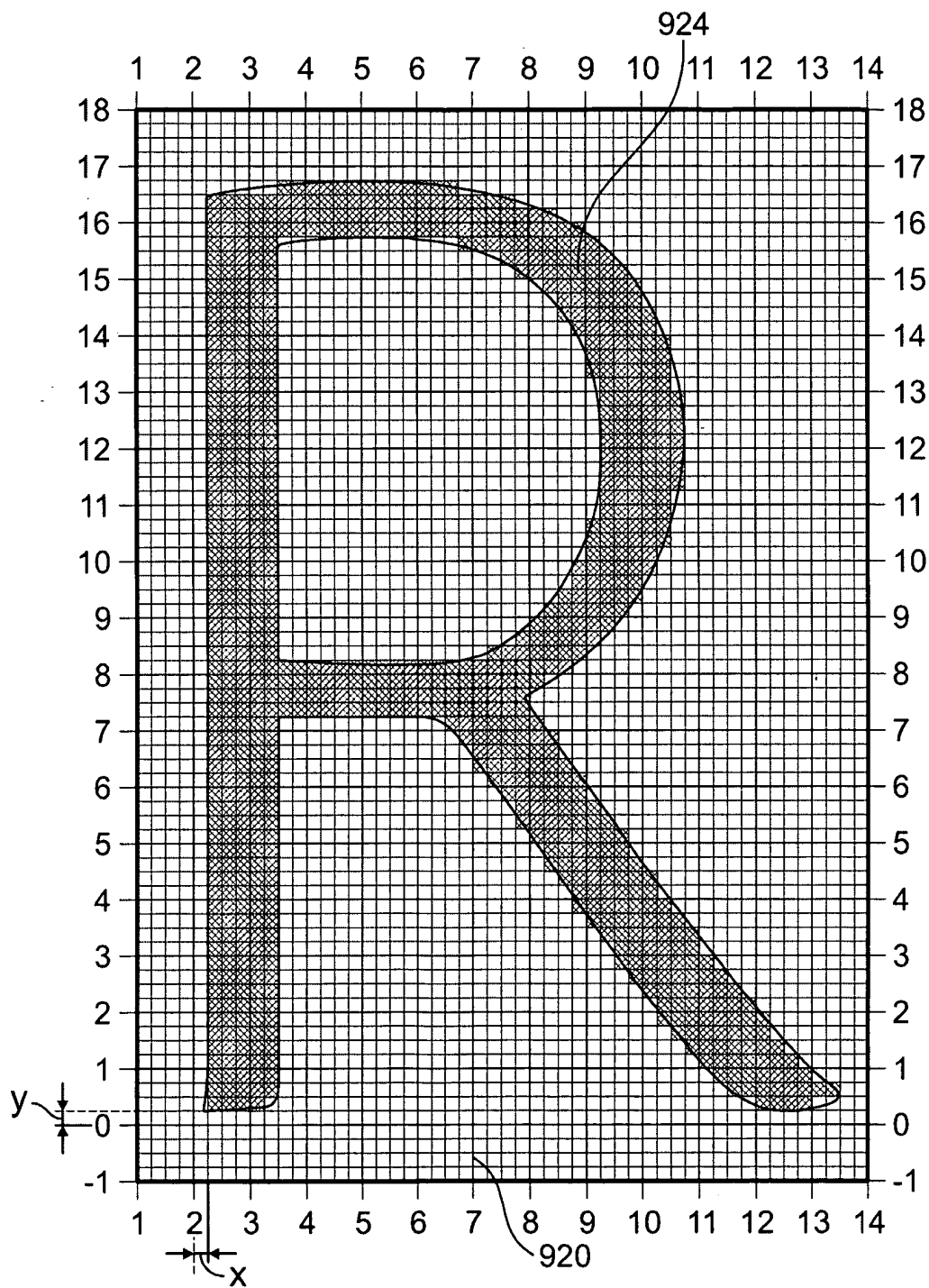


FIG. 9E

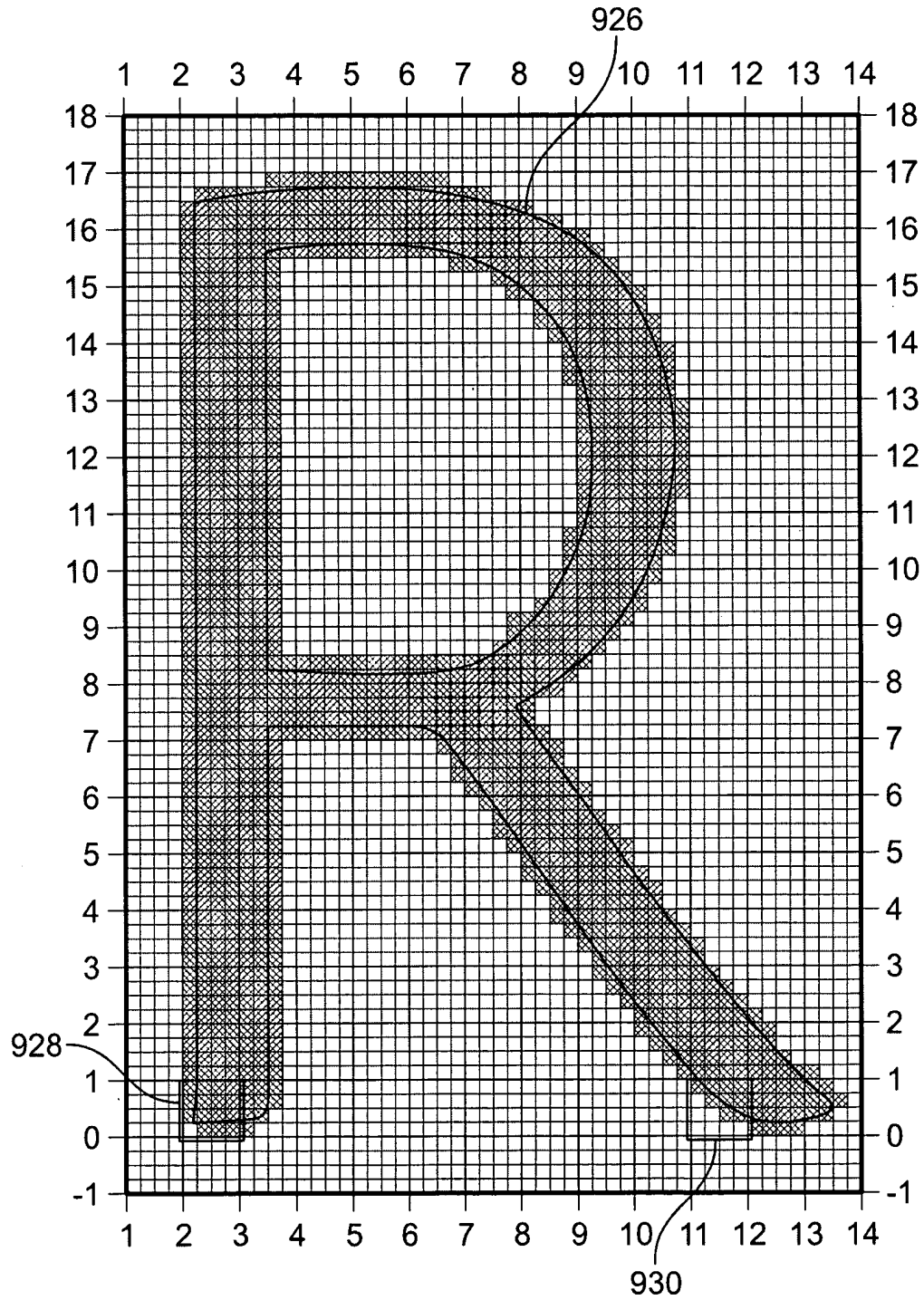


FIG. 9F

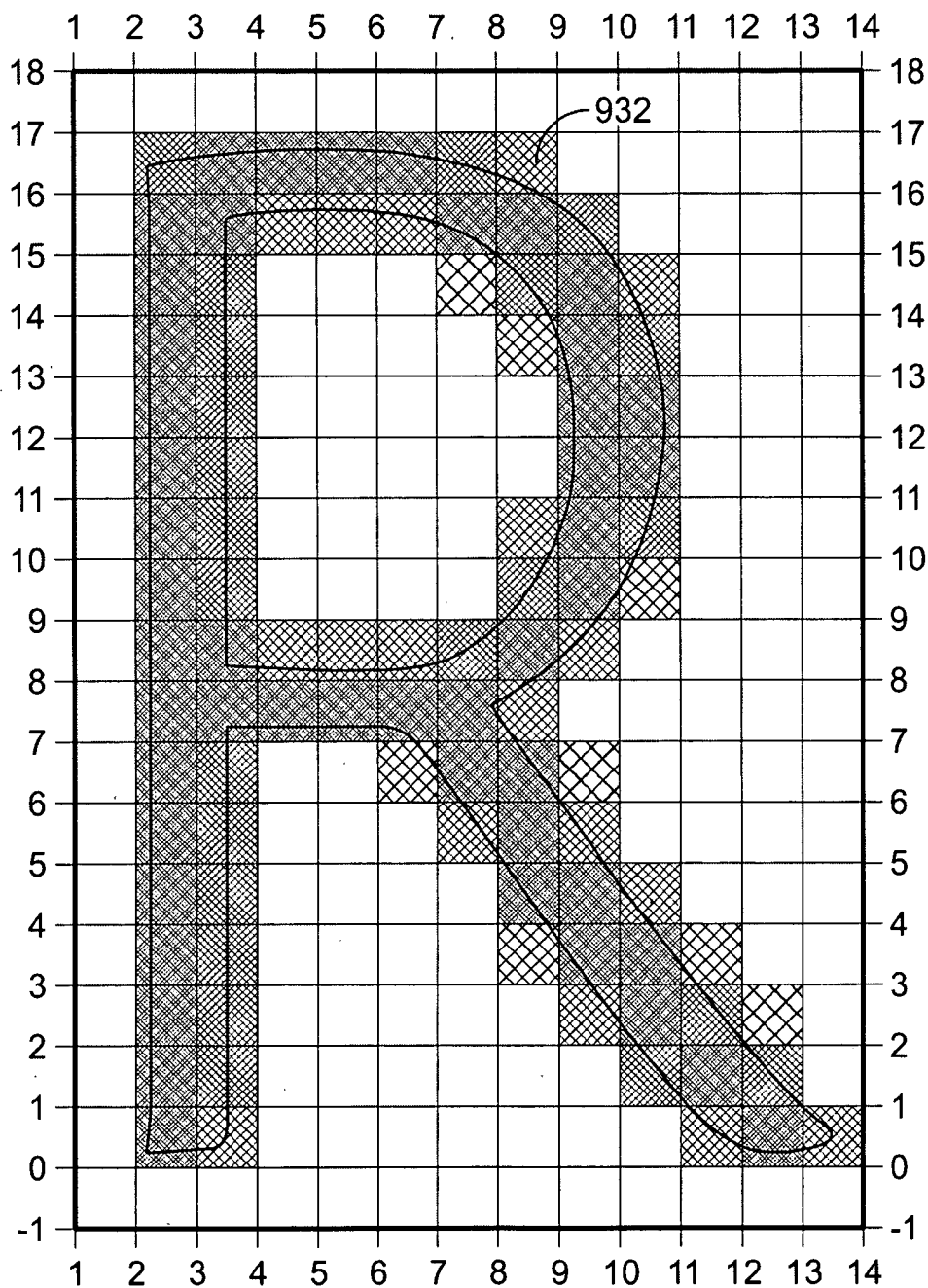


FIG. 9G

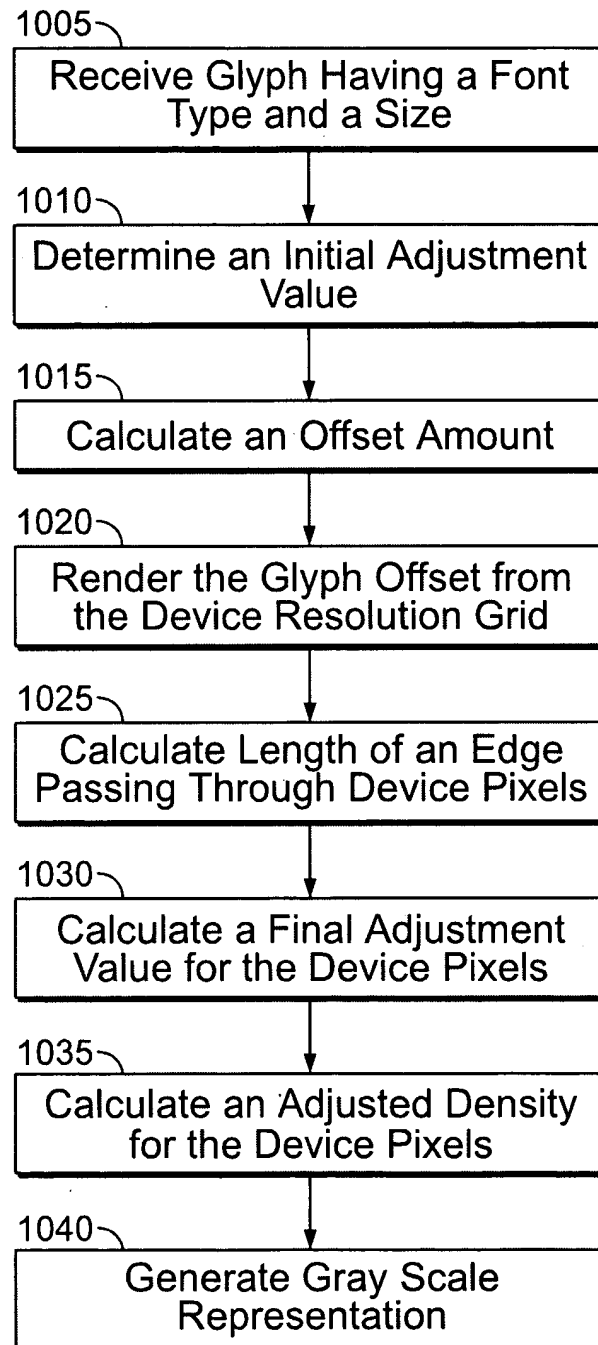


FIG. 10

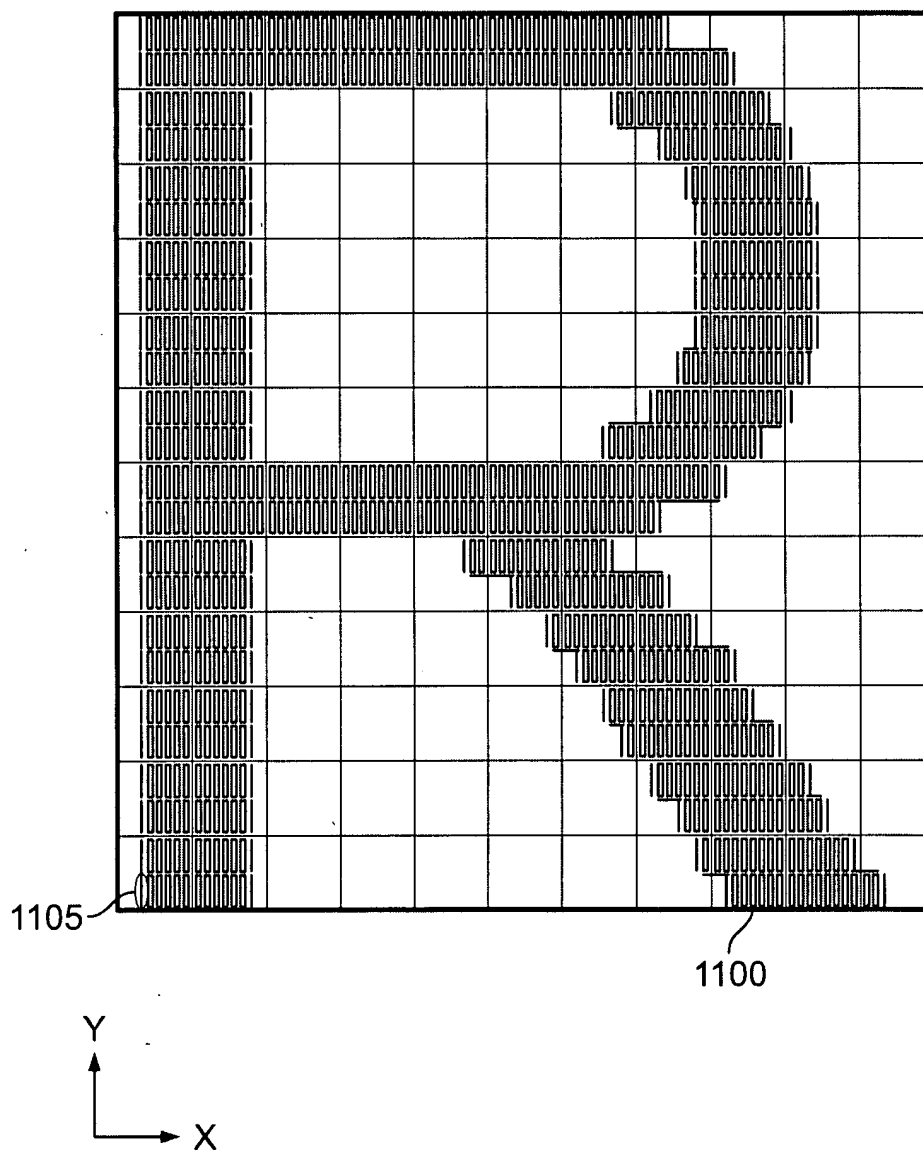


FIG. 11A

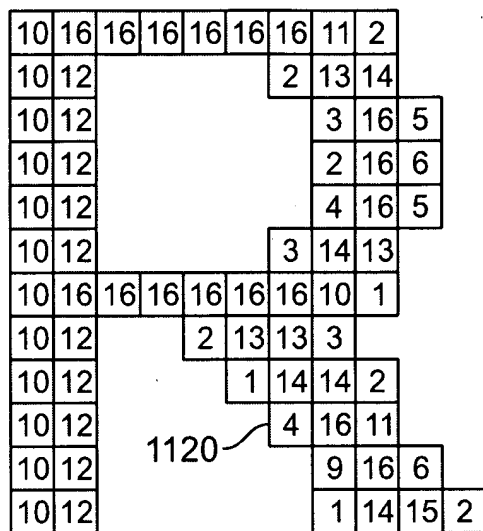


FIG. 11B

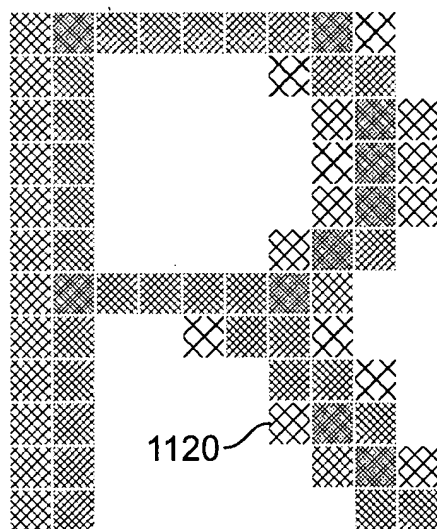


FIG. 11C

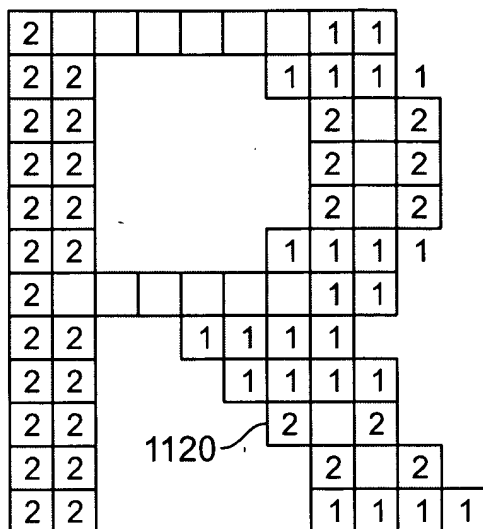


FIG. 11D

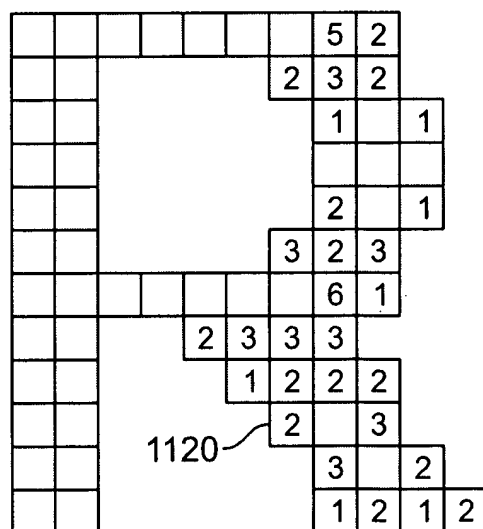


FIG. 11E

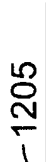

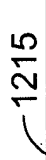









Scaled Stem Width (16ths)	Grid Ratio	Alignment Offset	Darkening Amount (16ths Per Side)	Asymmetric Darkening			Phase Difference	Rasterized Stem Width (Bold Lines) and Darkening Amount (Light Lines), Showing Both Phases
				Low Density	Low Density Darkening Amount (16ths)	High Density		
1-4	4	0	4				1/4	
5,6	8	0	4	0	2	24	3/8	
7,8	8	0	4	0	2	32	1/4	
9,10	8	0	4	0	2	40	1/8	
11,12	4	1	4				1/4	
13,14	8	1	3	0	4	56	1/4	
15,16	8	1	3	8	4	56	3/8	
17,18	8	1	2				3/8	
19,20	8	1	2				1/2	
21,22	8	1	2				3/8	
23,24	8	1	2				1/4	
25	8	1	2				1/8	
26-28	4	0	1	0	0	12	1/8	
29,30	8	1	1	0	2	56	1/8	
31,32	8	1	1	8	0	56	1/8	
33	8	1	1	16	0	56	1/4	
34-37	4	0	0				1/4	

FIG. 12

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☒ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.